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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/443,160 | 11/19/1999 | DAVID L. ISAMAN | 130.1012.02 | 6854 |

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2183

DATE MAILED: 06/03/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

| | |
|-------------------------------|------------------------|
| Application No. 09/443,160 | Applicant(s) Isaman |
| Examiner Pan | Art Unit 2183 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE three MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on Nov 19, 1999

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle* 1035 C.D. 11; 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1 is/are pending in the application.

4a) Of the above, claim(s) none is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claims _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some* c) None of:

1. Certified copies of the priority documents have been received.

2. Certified copies of the priority documents have been received in Application No. _____.

3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892)

4) Interview Summary (PTO-413) Paper No(s). _____

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

5) Notice of Informal Patent Application (PTO-152)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____

6) Other: _____

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1. Claim 1 is presented for examination.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Park et al.

(5,881,307) in view of Woffinden et al. (5,095,424).

3. As to claim 1, Park disclosed a system including at least :

a) detecting a first instruction in a first memory location including a syntax for computing an effective address (e.g. see the effective addresses of up to four instructions in col.6, lines 36-51);

a) detecting a second instruction in a first memory location including a syntax for computing an effective address (e.g. see the effective addresses of up to four instructions in col.6, lines 36-51).

4. Park did not specifically teach the determination of the relationship between the first and second memory locations in response the first instruction syntax and second instruction syntax as claimed. However, Woffinden disclosed a system including a table for referencing the relationship between system and effective addresses (e.g. see col.6, lines 20-52). It would have been obvious to one of ordinary skill in the art to use Woffinden's address table in Park for

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determining the relationship of the effective addresses as claimed because the use of Woffinden could expand the capability of the effective address calculation in Park to adapt to predetermined requirements of the address structure, such as specific relation of a given address range, and it could be done by defining the address table of Woffinden into Park with modified configuration variables, such as address type, address format, such that the relationship of the effective addresses of Woffinden's address table could be recognized by Park, and because one of ordinary skill in the art should be able to recognize the comparison of the newly issued effective address with the address queue (see col.6,lines 52-67) would need the use of an address construct, such as a table for determining the relative length of a given address range for purpose of removing the data dependencies , and in doing so, provided a motivation.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel Pan, Esq. whose telephone number is 703 305 9696. The examiner can normally be reached on M-F from 8:00AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Chan, can be reached on (703) 305 9712. The fax phone number for the organization where this application or proceeding is assigned are

- a)before final 703 746 7239
- b)after final 703 746 7328
- c) customer service 703 746 7240 .

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 305 3900.

DANIEL H. PAN
PRIMARY EXAMINER
GROUP